

Figure 1

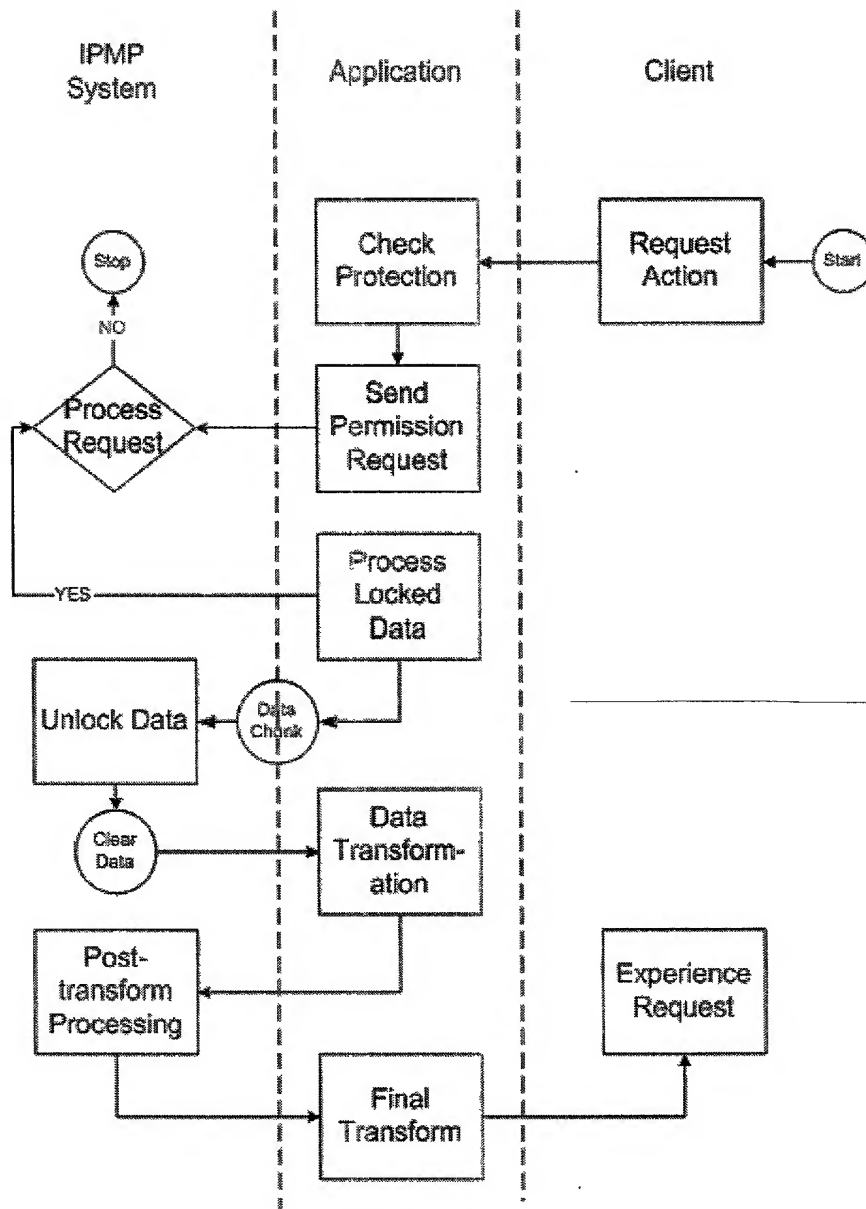


Figure 2

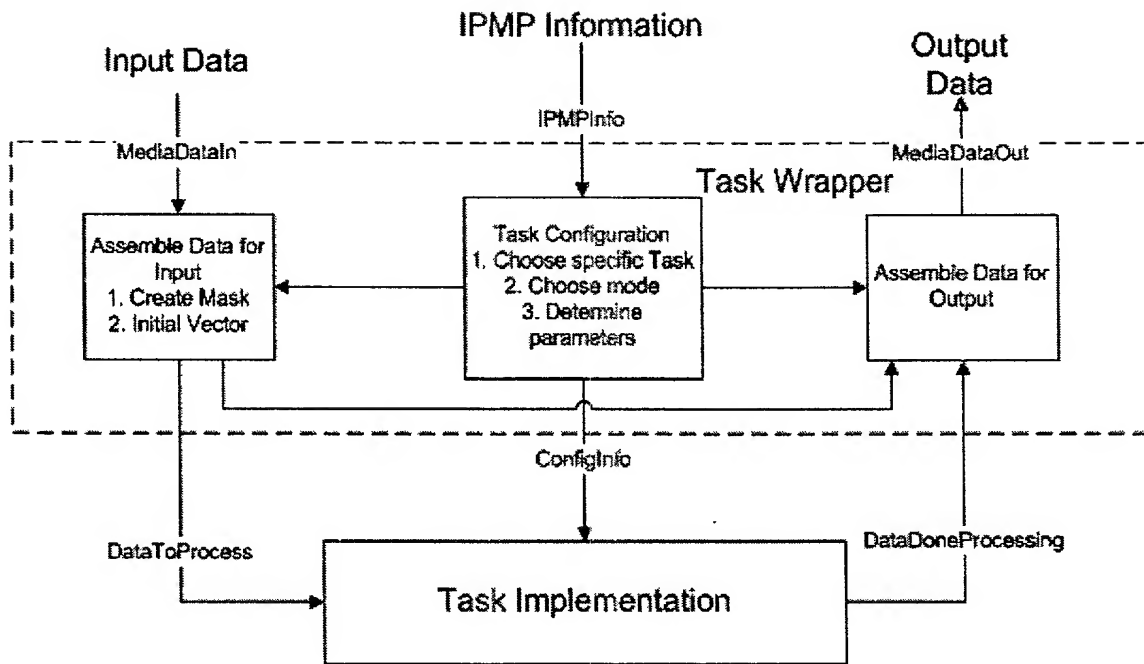


Figure 3

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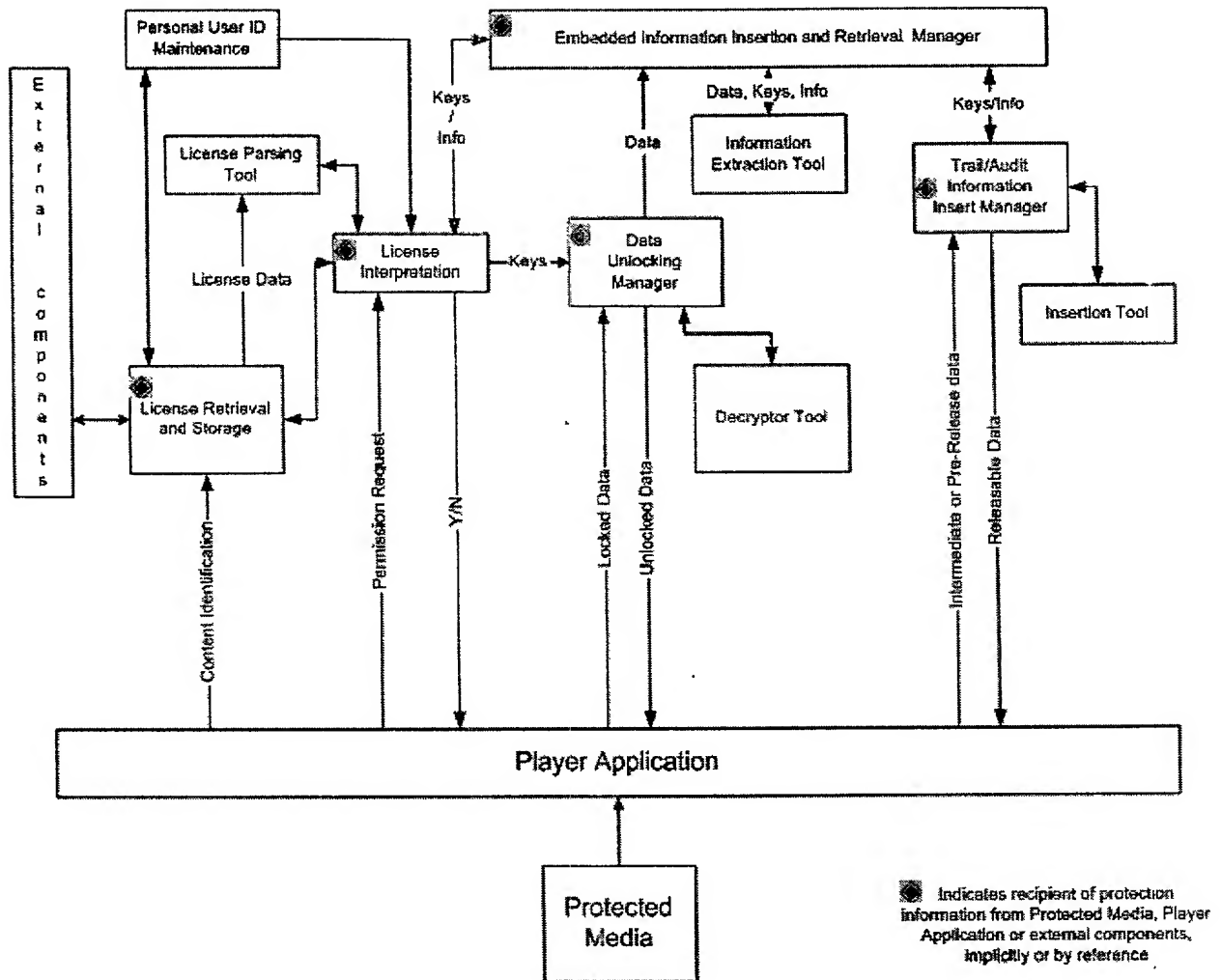


Figure 4

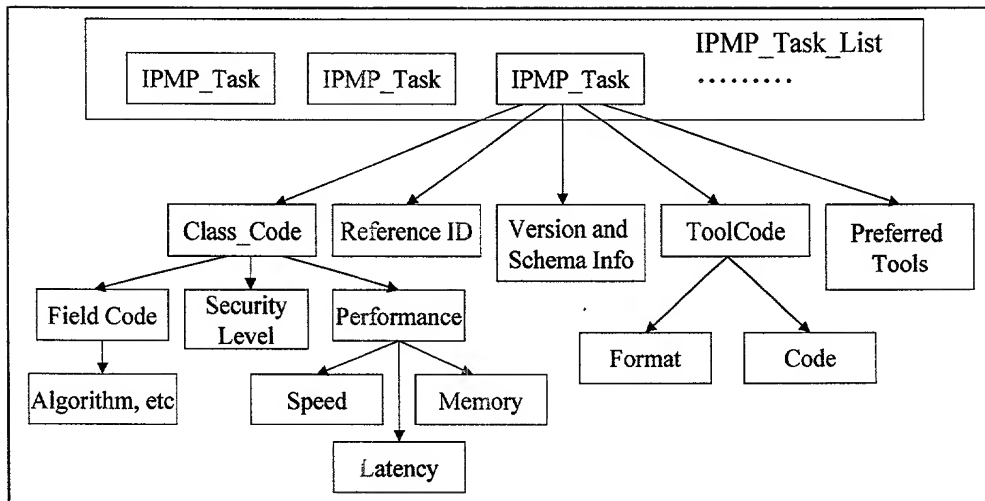


Figure 5

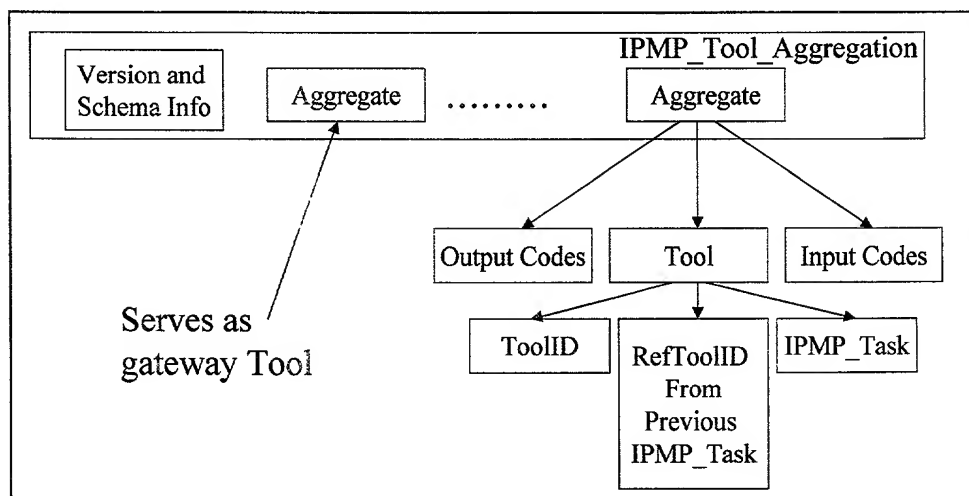


Figure 6

20020106-06203004

I101: IPMP_Task_List := (IPMP_Task+ {Other})
I102: IPMP_Task := (Class_Code? {RefToolId: id} {Version: major minor}
 {SchemaURL: protocol location} {(PreferredToolId :id+)}
 {ToolCode}{Other})
I103: Class_Code := ([NULL| Encryption |Decryption |Parsing |Watermark |Fingerprint
 |Verifier|Other] {Performance} {Security_Level : level})
I104: Encryption:= (Algorithm:alg {Version: major minor} {Mode:
 stream|block|both} {KeyLength : maxlen minlen} {Other})
I105: Decryption:= (Algorithm:alg {Version: major minor} {Mode:
 stream|block|both} {KeyLength : maxlen minlen} {Other})
I106: Watermark:= (Algorithm:alg{Version: major minor} {(Code: code+)}
 {Other})
I107: Fingerprint:= (Algorithm:alg {Version: major minor} {(Code: code+)}
 {Other})
I108: Verifier:= ((Certificate :cert+) {Version: major minor} {(Protocol:
 protocol+)} {(Signature : sign+)} {Other})
I109: Parser := (Schema {Compression : compression})
I110: Schema:= (Schema Name:name {Version: major minor}
 {SchemaURL : protocol location})
I111: Writer := (Schema {Compression : compression})
I112: Schema:= (Schema Name:name {Version: major minor}
 {SchemaURL : protocol location})
I113: Performance := ([MIPS | FramePerSecond] {Latency} {Memory})
I114: MIPS : value
I115: FramePerSecond := (Value:value {Size: width height depth}
 {Other})
I116: Latency := (Unit: unit Value:value)
I117: Memory := (Value:value {Base: base} {Exponent:exponent})
I118: ToolCode := (format [(Data : length data)| (URL : protocol location)])

Figure 7

(A100) IPMP_Tool_Aggregation := (Aggregate+ RefToolId: id {(Version : major minor)}
 {(SchemaURL: protocol location)} {Other})
(A101) Aggregate := ([ToolID : id | IPMP_Task]
(A102) {(InCode : code+)}
(A103) {(Outcode : code+)}))

Figure 8

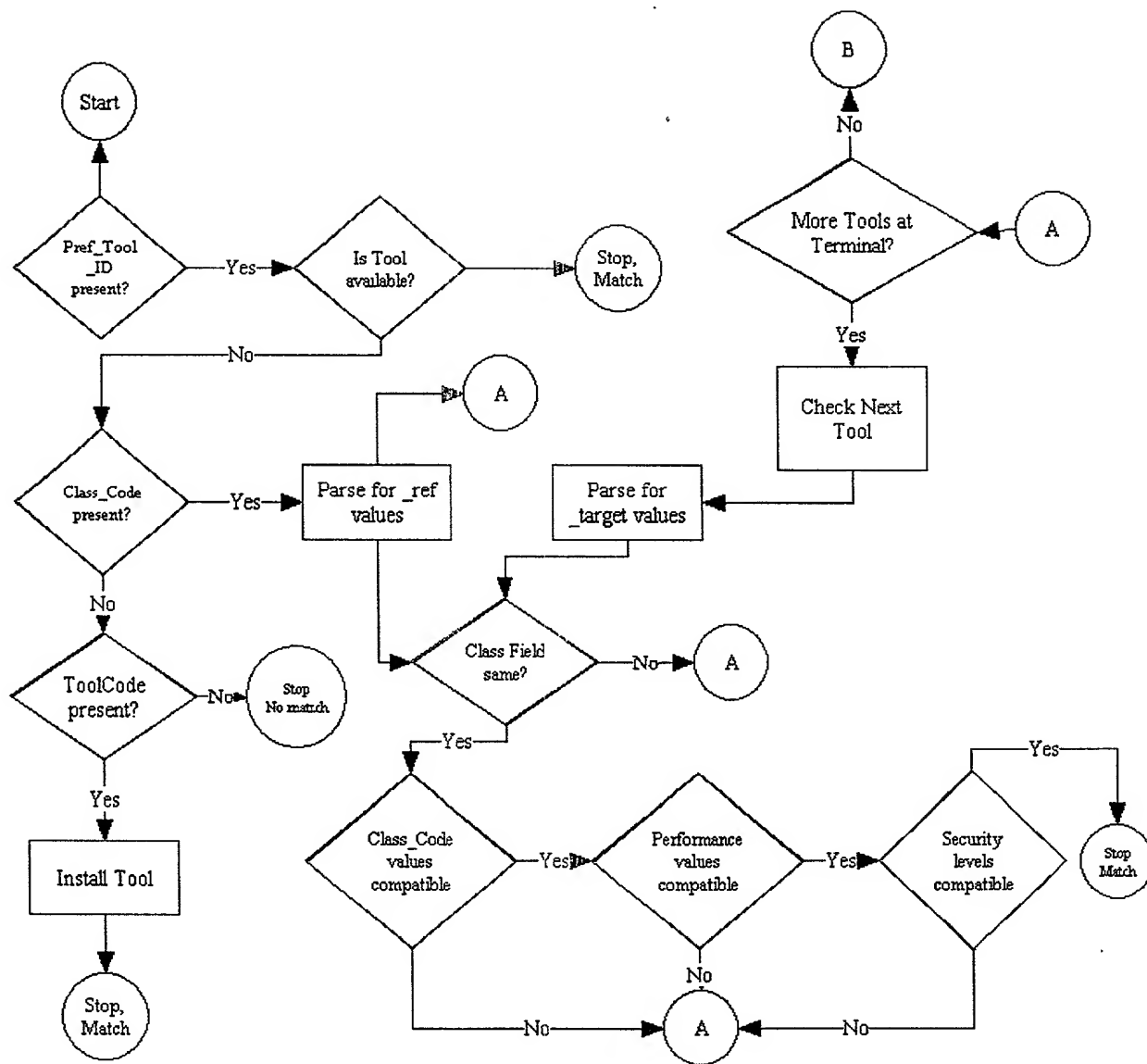


Figure 9

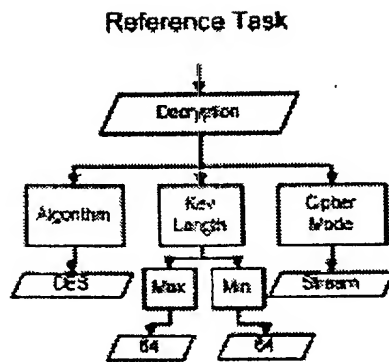


Figure 10A

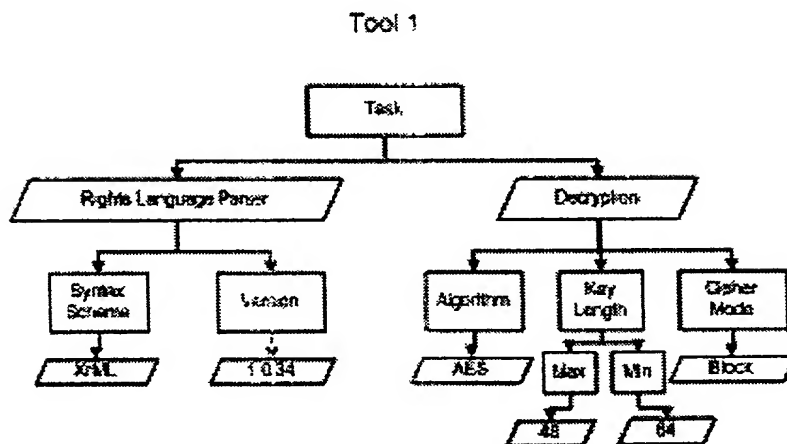


Figure 10B

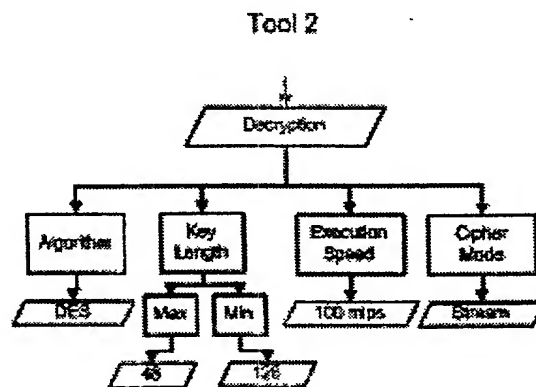


Figure 10C

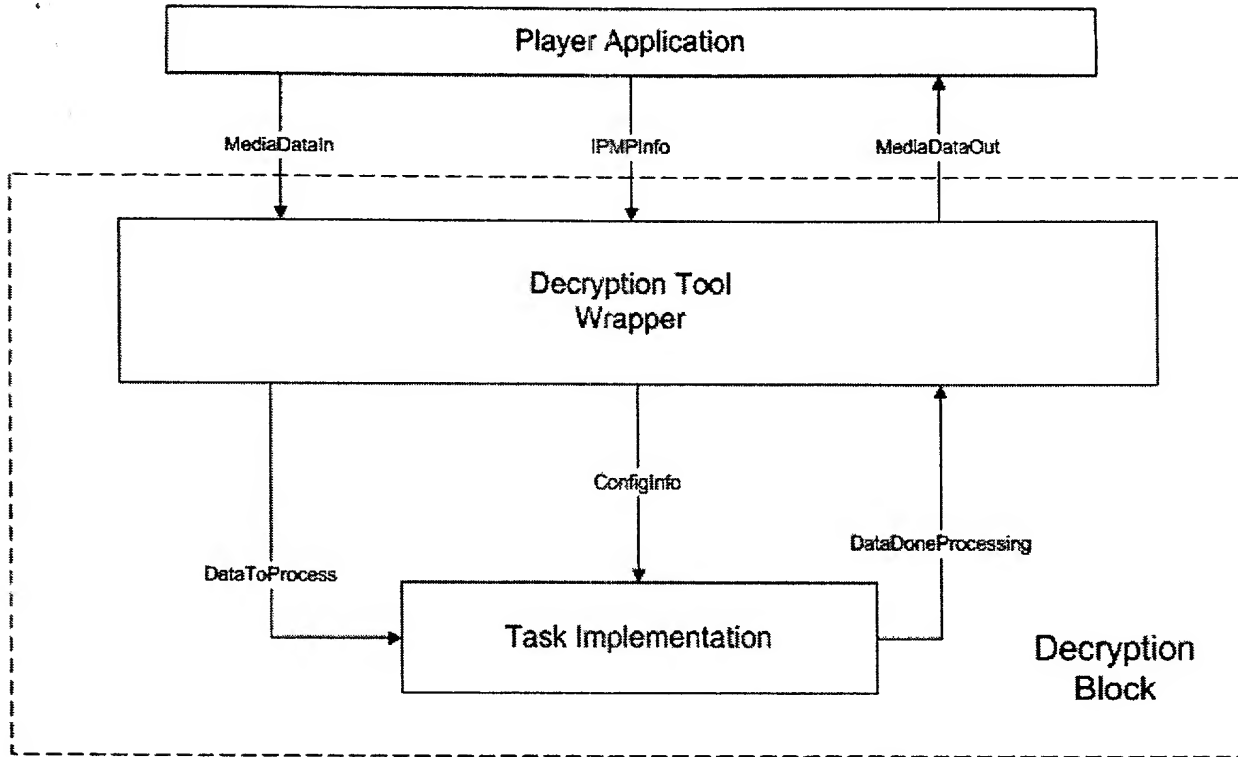


Figure 11

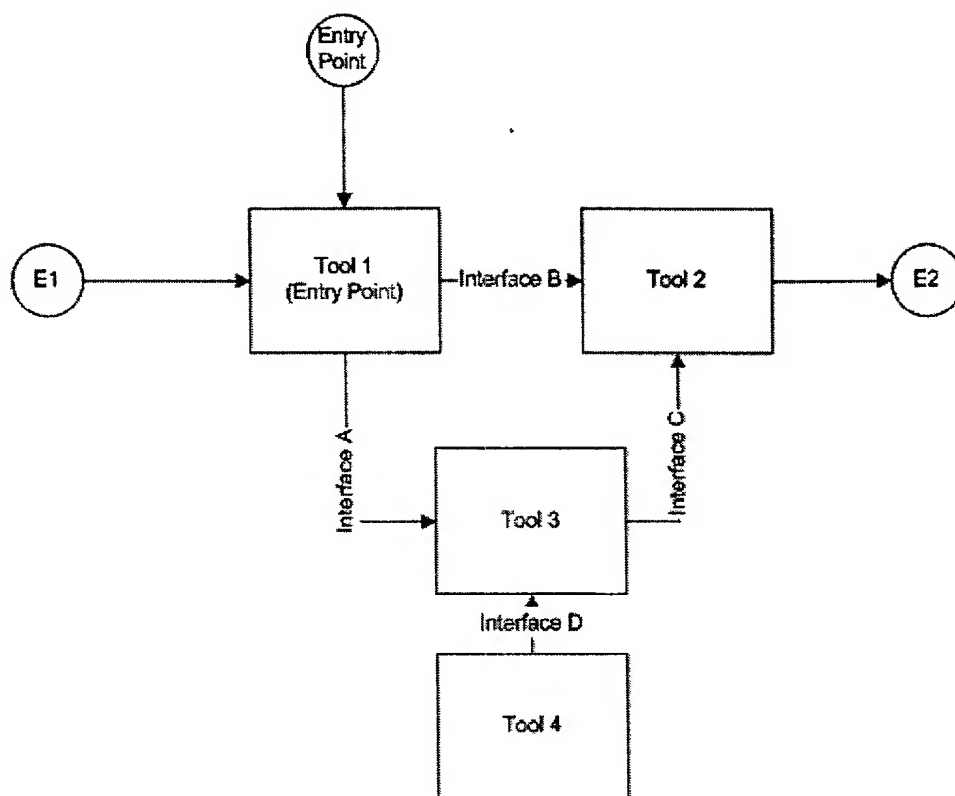


Figure 12